

"Express Mail" mailing label number EV 327 130 665US.
Date of Deposit November 13, 2003

03917 U.S.PTO
10/712960

111303
Case No. 6270/131

PATENT APPLICATION TRANSMITTAL LETTER

To the Commissioner for Patents:

Transmitted herewith for filing is the patent application of: Bryan J. Gilbert, J. Bradford Forth, Jordon M. Dagg, Martin A. Hancock, Markus F. Hirschbold, Geoffrey T. Hyatt and Simon H. Lightbody for : INTELLIGENT ELECTRONIC DEVICE HAVING NETWORK ACCESS. Enclosed are:

- 21 sheet(s) of drawings, 60 pages of application (including title page), and the following Appendices : N/A.
- Declaration.
- Power of Attorney.
- Applicant claims small entity status. See 37 CFR 1.27.
- Assignment transmittal letter and Assignment of the invention to : _____.
- Notice of copying claims Under 37 C.F.R. § 1.604.

Claims as Filed	Col. 1	Col. 2
For	No. Filed	No. Extra
Basic Fee		
Total Claims	49-20	29
Indep. Claims	8-3	5
Multiple Dependent Claims Present		

*If the difference in col. 1 is less than zero, enter "0" in col. 2.

Small Entity	
Rate	Fee
	\$ 385
x\$9=	\$
x\$43=	\$
+\$145=	\$
Total	\$

Other Than Small Entity	
Rate	Fee
	\$ 770
29x\$18=	\$522
5x\$86=	\$430
+\$290=	\$
Total	\$1,722

- Please charge my Deposit Account No. 23-1925 in the amount of \$: _____. A duplicate copy of this sheet is enclosed.
- A check in the amount of \$: 1,722 to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
 - Any additional filing fees required under 37 CFR § 1.16.
 - Any patent application processing fees under 37 CFR § 1.17.
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 - Any filing fees under 37 CFR § 1.16 for presentation of extra claims.
 - Any patent application processing fees under 37 CFR § 1.17.
 - The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).

Date

11/13/03

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BHGL Case No. 6270/131

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Gilbert et al.)
Serial No. unassigned) Examiner: unassigned
Filing Date: November 13, 2003) Group Art Unit No. unassigned
For INTELLIGENT ELECTRONIC)
DEVICE HAVING NETWORK)
ACCESS)

NOTICE OF COPYING OF CLAIMS UNDER 37 C.F.R. § 1.604

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.604, Applicants hereby notifies the Examiner that, in the above captioned patent application, Applicants have substantially copied claims from U.S. Patent Application Serial No. 10/121,262, published as U.S. Patent Publication No. 2002/0169570 A1, for the purpose of interference.

Pursuant to 37 C.F.R. § 1.604(a)(1), Applicants herein suggest the following counts:

Count 1

19. An electric power meter having a digital sampler for sampling a voltage and a current at a sampling point and having a processor for processing at least one of the sampled voltage and the current, comprising:

a memory for storing network protocol conversion algorithms; and a network interface;

wherein said processor performs at least one power calculation and converts at least one of the sampled voltage, the sampled current and the power calculation to at least one network protocol using one of said network protocol conversion algorithms, said at least one network protocol provided through said network interface;

wherein said network protocol is one of e-mail, File Transfer Protocol (FTP), Hypertext Transfer Protocol (HTTP) or Dynamic Host Configuration Protocol (DHCP).

Pursuant to 37 C.F.R. § 1.604(a)(2), this claim substantially corresponds to claim 4 of U.S. Patent Application Serial No. 10/121,262, rewritten in independent form. Claim 19 differs from claim 4 of U.S. Patent Application Serial No. 10/121,262 by deleting three members of the Markush group, i.e. Modbus, Transmission Control Protocol (TCP) and RS-485, and the addition of one member, i.e. Hypertext Transfer Protocol (HTTP).

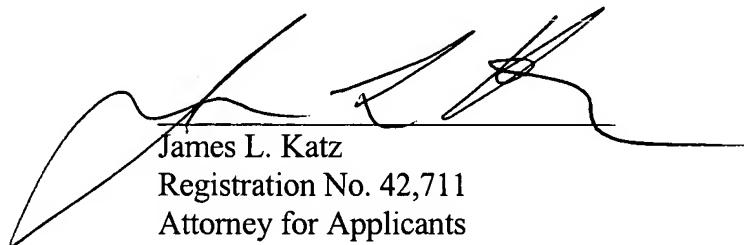
Count 2

24. An electric power meter having a digital sampler for sampling a voltage and a current at a sampling point and having a processor for processing at least one of the sampled voltage and the current, comprising:
 - a memory for storing network protocol conversion algorithms; and
 - a network interface;wherein said processor performs at least one power calculation and converts at least one of the sampled voltage, the sampled current and the power calculation to at least one network protocol using one of said network protocol conversion algorithms, said at least one network protocol provided through said network interface;
- wherein a web server provides data to the network interface in Hypertext Markup Language (HTML) or Extensible Markup Language (XML) format.

Pursuant to 37 C.F.R. § 1.604(a)(2), this claim exactly corresponds to claim 5 of U.S. Patent Application Serial No. 10/121,262, rewritten in independent form.

Further, pursuant to 37 C.F.R. § 1.604(a)(3), an interference should be declared because the claims satisfy the test of two-way unpatentability in accordance with 37 C.F.R. § 1.601(n), i.e. the above claims 19 and 24 of the above captioned application would be unpatentable over corresponding claims 4 and 5 of U.S. Patent Application Serial No. 10/121,262 if the inventors thereof are determined to be the prior inventor and claims 4 and 5 of U.S. Patent Application Serial No. 10/121,262 would be unpatentable over the above claims 19 and 24 of the above captioned application otherwise.

Respectfully submitted,



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